

FIG. 1

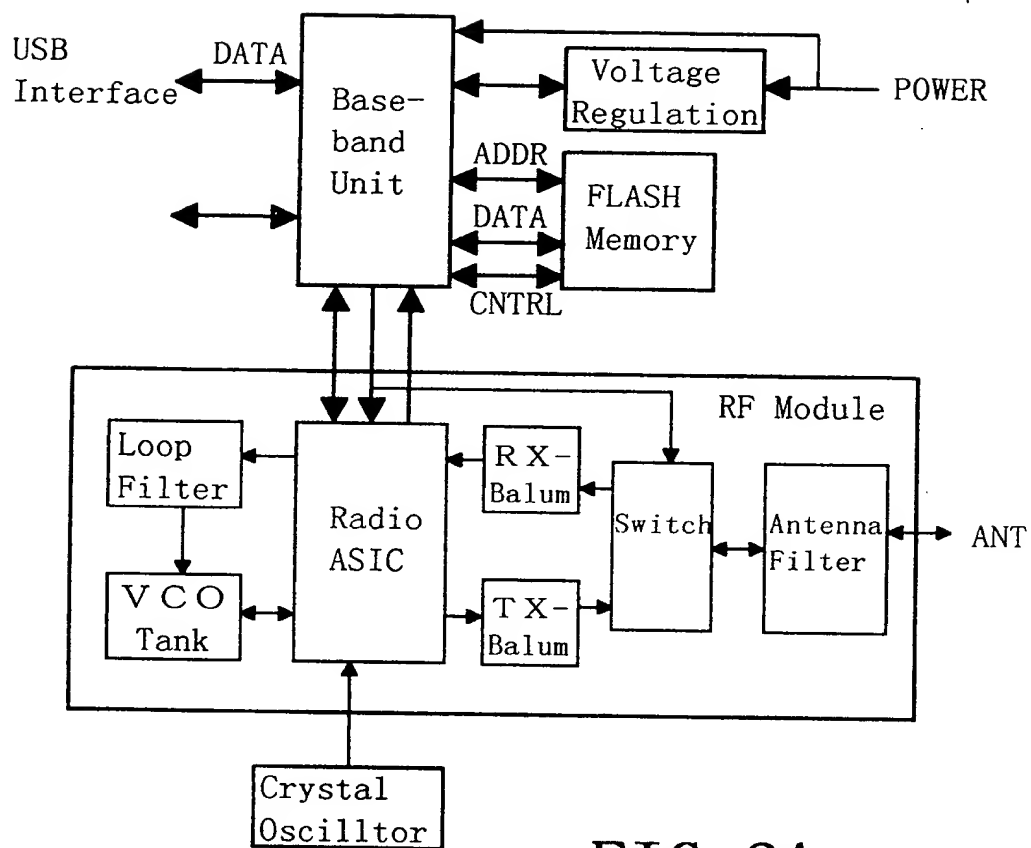


FIG. 2A

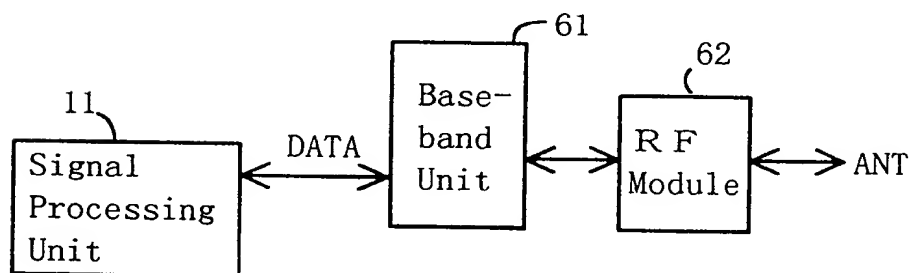
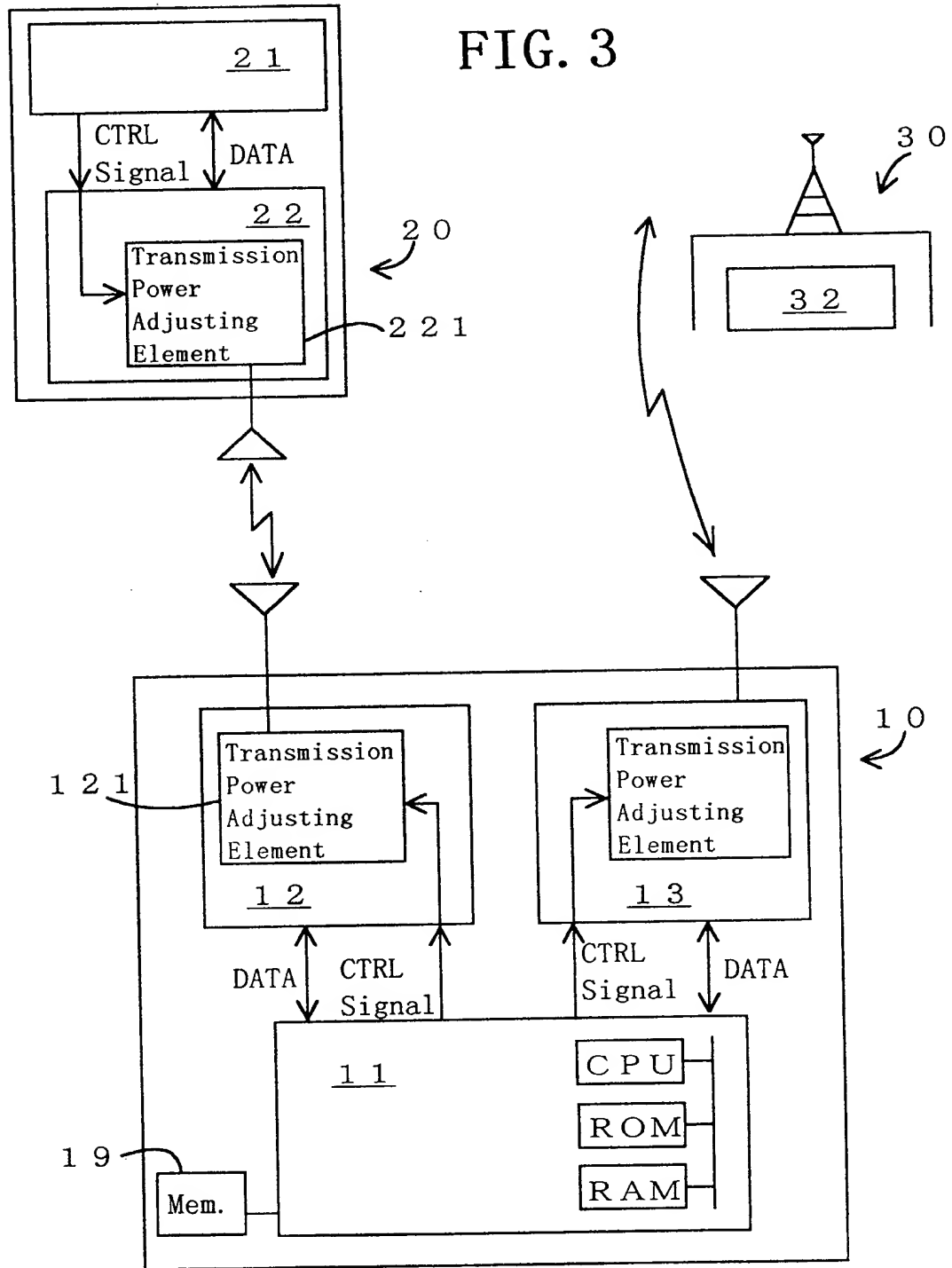


FIG. 2B

FIG. 3



```

graph TD
    subgraph PC
        S301[Start Up Data Sync Program] --> S302[Identify Other Device]
        S302 --> S303[Pass CNN REQ to C.U. 12]
        S303 --> S304[Send CNN REQ to PDA 20]
        S304 --> S306[Pass Data Trans. REQ to S.P. 11]
        S306 --> S307[Data Sync, Transmit/Receive Data]
        S307 --> S309{Is It Time to MON & CTRL?}
        S309 -- YES --> S310[Monitor PC 10 Communication, & Adjust Transmission Condition  
(Adjust PDA's Transmission Condition)  
(FIGURE4B)]
        S310 --> S307
        S309 -- NO --> S307
        S307 --> Disconnect[Disconnect]
    end

    subgraph PDA
        S305[Send CNN ACK to PC 10]
        S308[Data Sync, Transmit/Receive Data]
        S357[Adust PDA's Transmission Condition]
    end

    S304 --> S305
    S305 --> S306
    S307 <--> S308
    S308 <--> S357
    S357 --> S307
  
```

The flowchart illustrates the Data Sync Program (FIG. 4B) for a PC and a PDA. The process begins in the PC with S301 (Start Up Data Sync Program), followed by S302 (Identify Other Device), S303 (Pass CNN REQ to C.U. 12), and S304 (Send CNN REQ to PDA 20). A thick arrow points from S304 to S305 (Send CNN ACK to PC 10) in the PDA. From S305, a thick arrow points back to S306 (Pass Data Trans. REQ to S.P. 11) in the PC. S306 leads to S307 (Data Sync, Transmit/Receive Data). S307 has a bidirectional dashed arrow connection to S308 (Data Sync, Transmit/Receive Data) in the PDA. From S307, the flow goes to a decision diamond S309 (Is It Time to MON & CTRL?). If YES, it proceeds to S310 (Monitor PC 10 Communication, & Adjust Transmission Condition (Adjust PDA's Transmission Condition) (FIGURE4B)), which then loops back to S307. If NO, it loops back to S307 directly. From S307, a solid arrow points down to a Disconnect box. A thick arrow points from S308 to S357 (Adust PDA's Transmission Condition), which then points back to S307. A vertical dashed line separates the PC and PDA sections.

FIG. 4A

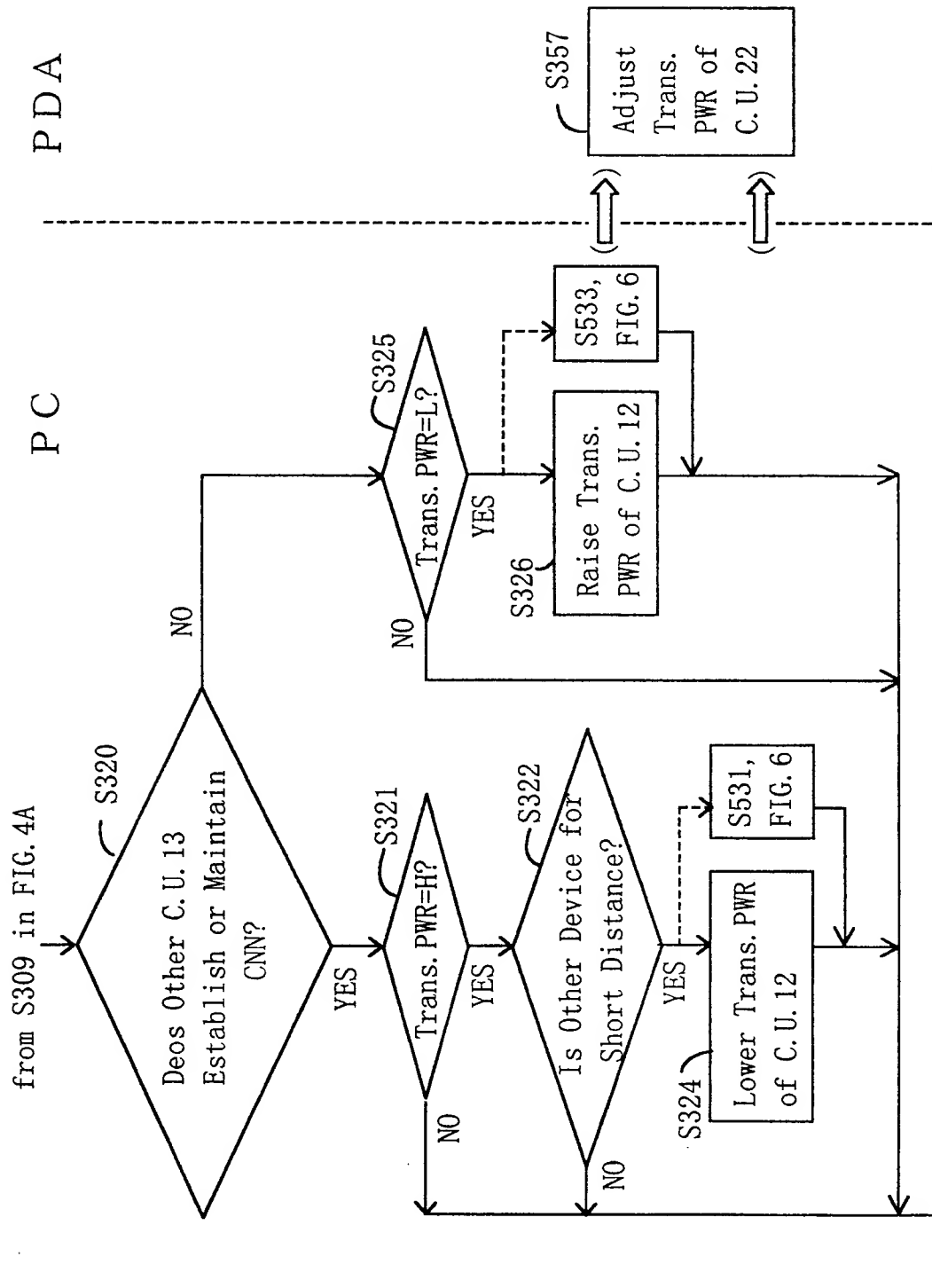


FIG. 4B

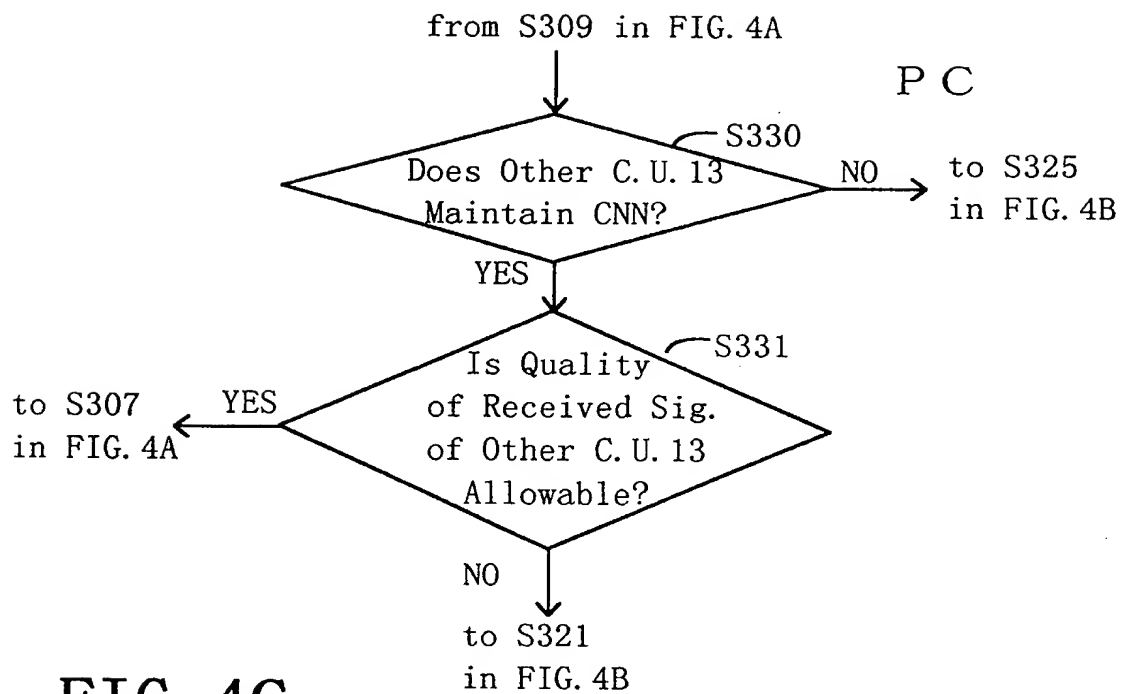


FIG. 4C

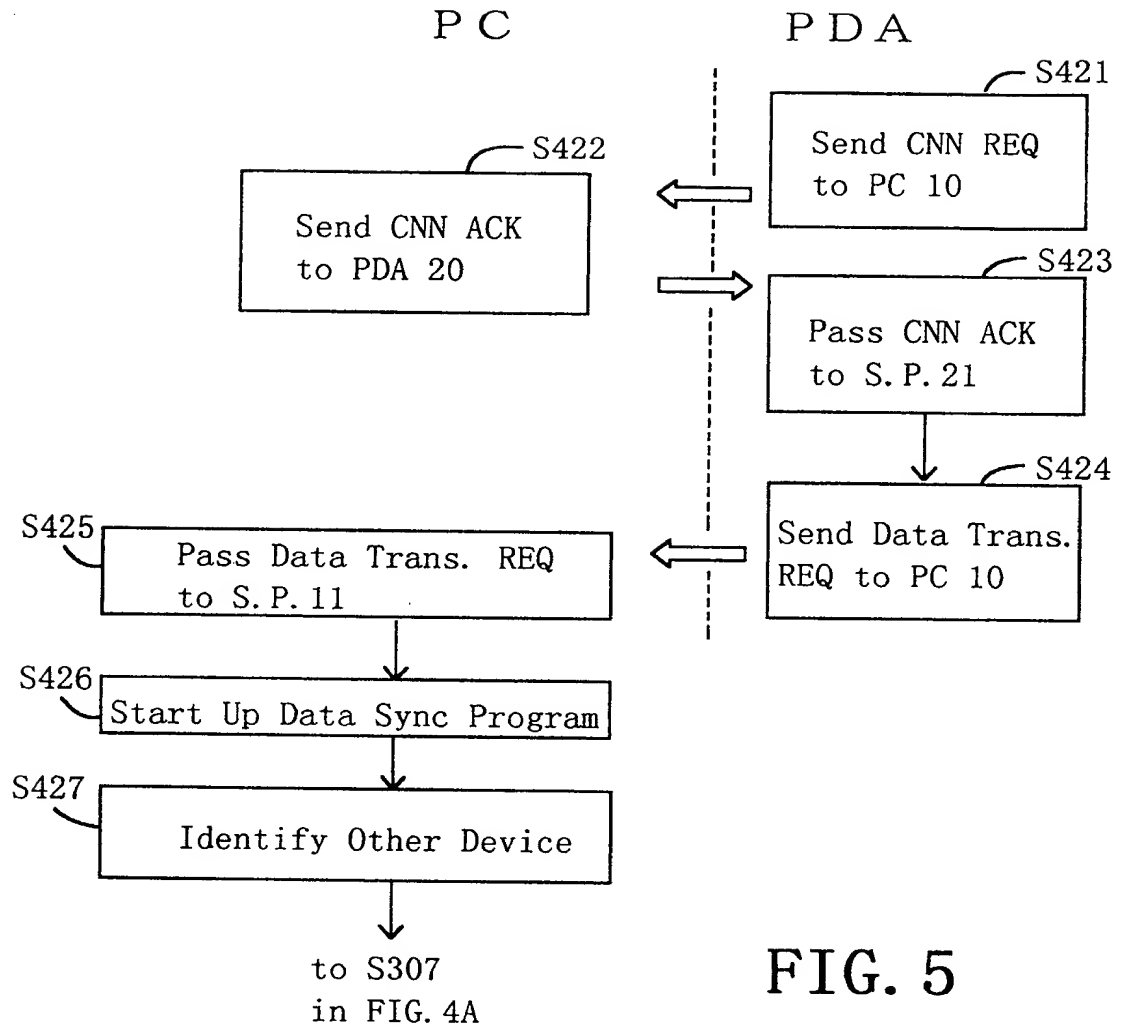


FIG. 5

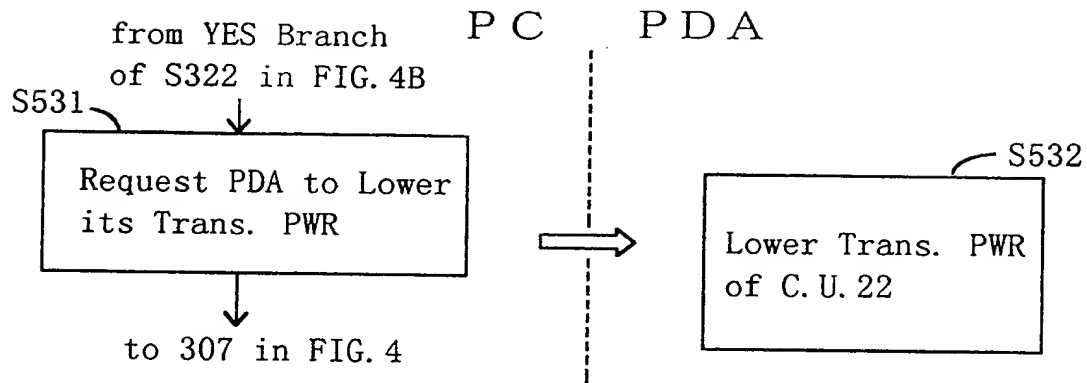


FIG. 6A

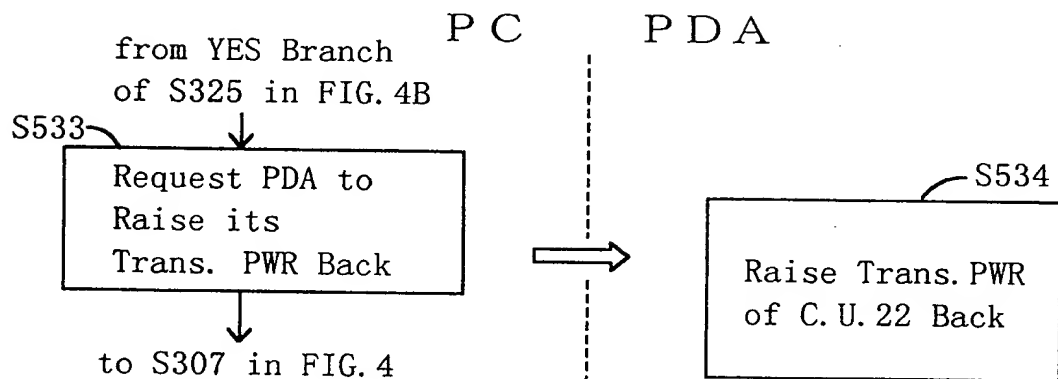


FIG. 6B



FIG. 7A

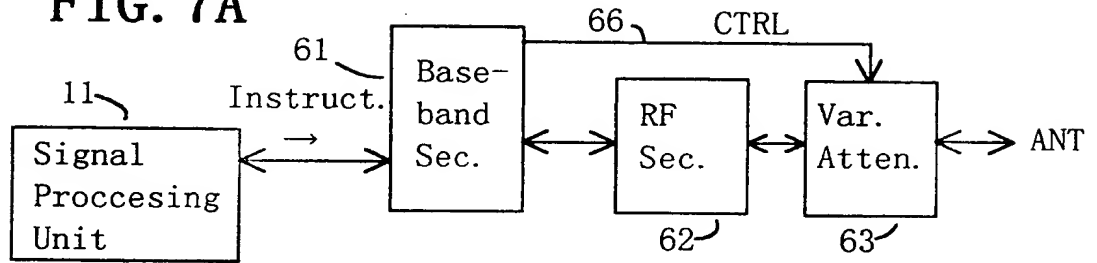


FIG. 7B

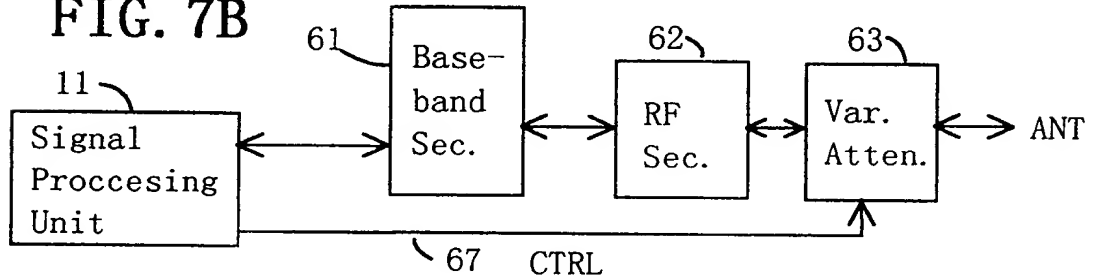


FIG. 7C

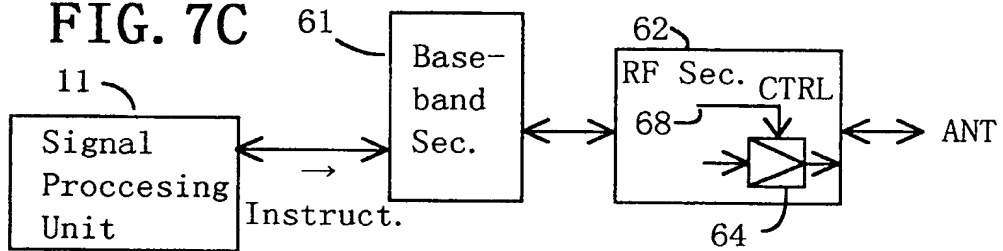


FIG. 7D

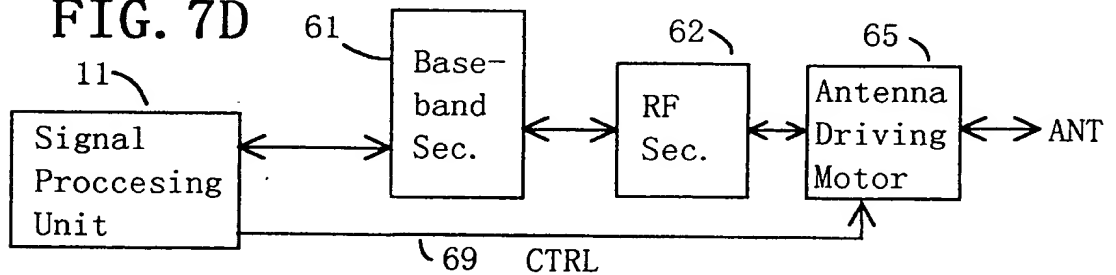


FIG. 8

